

Title (en)
REFRIGERANT COMPRESSOR AND FREEZER INCLUDING SAME

Title (de)
KÄLTEMITTELVERDICHTER UND GEFRIERGERÄT, DAS DIESEN EINSCHLIESST

Title (fr)
COMPRESSEUR FRIGORIFIQUE ET CONGÉLATEUR LE COMPRENANT

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Application
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Abstract (en)

The present invention includes: an electric component; a compression component driven by the electric component to compress a refrigerant; and a sealed container accommodating the electric component and the compression component. The compression component includes: a shaft part rotated by the electric component; and a bearing part slidably contacting the shaft part such that the shaft part is rotatable. A film having hardness equal to or more than hardness of a sliding surface of the bearing part is provided on a sliding surface of the shaft part. The sliding surface of the bearing part includes a curved-surface portion having an inner diameter that continuously increases in a curved shape toward an end of the bearing part in a center axis direction of the bearing part, or the sliding surface of the shaft part includes a curved-surface portion having an outer diameter that continuously decreases in a curved shape toward an end of the shaft part in a center axis direction of the shaft part.

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Citation (applicant)

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- JP S554958 B2 19800201
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